

GitLab and Git Tutorial for Beginners | What is GitLab

This entry-level GitLab training is perfect for junior IT professionals looking to build GitLab skills and use the platform at a professional level. Learn essential DevOps skills, including source code management, continuous integration, and task automation. Gain hands-on experience to streamline development workflows and boost productivity with this comprehensive GitLab course.

[CBT Nuggets course material](#) →

WEEK 1

Introduction to Source Control with Git

156 min.

Intro to Git Version Control	9
Understanding Git Remotes	8
Learn About Common Git Commands	10
Initialize Git Repository	8
Commit Files to Git Repository	9
Use the Git Diff Command	8

Understanding Branching Strategies with Git

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Visualizing Git Branches	8
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Merging Git Branches

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Understanding Git Rebase Versus Merging	7
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Resolve Git Merge Conflicts	12
Rebase Git Branch Onto Master	9

WEEK 2

Configure Git Remotes for Repositories

155 min.

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Publish Local Git Branches to Git Remote	8
Clone Specific Git Branch From Git Remote	6
Using Git Fetch and Merge Instead of Pull	6

Understanding GitLab Hosting Platform

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Overview of GitLab Package and Container Registry	11
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Add SSH Key to GitLab User Account	9
Make Code Changes with GitLab Web IDE	6
Editing the GitLab Project Wiki	10
Add Individual GitLab Users to Repository	5
Delegate GitLab Project Access with Groups	8
Create Code Snippets in GitLab	7

Understanding Team Development Process in GitLab min.

Overview	1
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Add GitLab Users and Team Members	6
Create GitLab Project Work Issues	9
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Track GitLab Project Status with Milestones	7
Peer Review Contributions with GitLab Merge Requests	11

Using Markdown Syntax with GitLab

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Define Tables in GitLab Markdown Syntax	10
Color and Syntax Highlighting in GitLab Markdown	10

WEEK 3